-1646

C[illegible] Error Corrected by th STIC Sy[illegible]ms Branch

Serial Number: 09/101,518

ENTERED

RECEIVED
JUL 20[illegible]
TECH CENTER 1600/2900

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid ~~text, such as~~ _____.
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

***Examiner: ~~The~~ abov corrections must be communicated to the applicant in th first Office Action. DO NOT send a copy of this form.**

3/1/95

RAW SEQUENCE LISTING DATE: 07/16/2000
PATENT APPLICATION: US/09/101,518 TIME: 17:20:48

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07142000\I101518.raw

<110> APPLICANT: Li, Yi
<120> TITLE OF INVENTION: Human G-Protein Chemokine Receptor HSATU68
<130> FILE REFERENCE: PF218PCT.US
<140> CURRENT APPLICATION NUMBER: 09/101,518
<141> CURRENT FILING DATE: 1998-12-21
<150> PRIOR APPLICATION NUMBER: PCT/US96/00499
<151> PRIOR FILING DATE: 1996-01-11
<160> NUMBER OF SEQ ID NOS: 9
<170> SOFTWARE: PatentIn Ver. 2.1
<210> SEQ ID NO: 1
<211> LENGTH: 1876
<212> TYPE: DNA
<213> ORGANISM: Homo sapiens
<220> FEATURE:
<221> NAME/KEY: CDS
<222> LOCATION: (173)..(1420)
<400> SEQUENCE: 1

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agaagcagcc tttgagaagg gaagtcacta tcccagagcc cagactgagc gg atg gag 178
                                                        Met Glu
                                                          1
ttg agg aag tac ggc cct gga aga ctg gcg ggg aca gtt ata gga gga  226
Leu Arg Lys Tyr Gly Pro Gly Arg Leu Ala Gly Thr Val Ile Gly Gly
          5                  10                  15
gct gct cag agt aaa tca cag act aaa tca gac tca atc aca aaa gag  274
Ala Ala Gln Ser Lys Ser Gln Thr Lys Ser Asp Ser Ile Thr Lys Glu
      20                  25                  30
ttc ctg cca ggc ctt tac aca gcc cct tcc tcc ccg ttc ccg ccc tca  322
Phe Leu Pro Gly Leu Tyr Thr Ala Pro Ser Ser Pro Phe Pro Pro Ser
 35                  40                  45                  50
cag gtg agt gac cac caa gtg cta aat gac gcc gag gtt gcc gcc ctc  370
Gln Val Ser Asp His Gln Val Leu Asn Asp Ala Glu Val Ala Ala Leu
                 55                  60                  65
ctg gag aac ttc agc tct tcc tat gac tat gga gaa aac gag agt gac  418
Leu Glu Asn Phe Ser Ser Ser Tyr Asp Tyr Gly Glu Asn Glu Ser Asp
             70                  75                  80
tcg tgc tgt acc tcc ccg ccc tgc cca cag gac ttc agc ctg aac ttc  466
Ser Cys Cys Thr Ser Pro Pro Cys Pro Gln Asp Phe Ser Leu Asn Phe
         85                  90                  95
gac cgg gcc ttc ctg cca gcc ctc aac agc ctc ctc ttt ctg ctg ggg  514
Asp Arg Ala Phe Leu Pro Ala Leu Asn Ser Leu Leu Phe Leu Leu Gly
     100                 105                 110
ctg ctg ggc aac ggc gcg gtg gca gcc gtg ctg ctg agc cgg cgg aca  562
Leu Leu Gly Asn Gly Ala Val Ala Ala Val Leu Leu Ser Arg Arg Thr
115                 120                 125                 130
gcc ctg agc agc acc gac acc ttc ctg ctc cac cta gct gta gca gac  610
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RAW SEQUENCE LISTING DATE: 07/16/2000
PATENT APPLICATION: US/09/101,518 TIME: 17:20:48

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07142000\I101518.raw

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71                 135                 140                 145
73 acg ctg ctg gtg ctg aca ctg ccg ctc tgg gca gtg gac gct gcc gtc   658
74 Thr Leu Leu Val Leu Thr Leu Pro Leu Trp Ala Val Asp Ala Ala Val
75             150                 155                 160
77 cag tgg gtc ttt ggc tct ggc ctc tgc aaa gtg gca ggt gcc ctc ttc   706
78 Gln Trp Val Phe Gly Ser Gly Leu Cys Lys Val Ala Gly Ala Leu Phe
79         165                 170                 175
81 aac atc aac ttc tac gca gga gcc ctc ctg ctg gcc tgc atc agc ttt   754
82 Asn Ile Asn Phe Tyr Ala Gly Ala Leu Leu Leu Ala Cys Ile Ser Phe
83     180                 185                 190
85 gac cgc tac ctg aac ata gtt cat gcc acc cag ctc tac cgc cgg ggg   802
86 Asp Arg Tyr Leu Asn Ile Val His Ala Thr Gln Leu Tyr Arg Arg Gly
87 195                 200                 205                 210
89 ccc ccg gcc cgc gtg acc ctc acc tgc ctg gct gtc tgg ggg ctc tgc   850
90 Pro Pro Ala Arg Val Thr Leu Thr Cys Leu Ala Val Trp Gly Leu Cys
91                 215                 220                 225
93 ctg ctt ttc gcc ctc cca gac ttc atc ttc ctg tcg gcc cac cac gac   898
94 Leu Leu Phe Ala Leu Pro Asp Phe Ile Phe Leu Ser Ala His His Asp
95             230                 235                 240
97 gag cgc ctc aac gcc acc cac tgc caa tac aac ttc cca cag gtg ggc   946
98 Glu Arg Leu Asn Ala Thr His Cys Gln Tyr Asn Phe Pro Gln Val Gly
99         245                 250                 255
101 cgc acg gct ctg cgg gtg ctg cag ctg gtg gct ggc ttt ctg ctg ccc   994
102 Arg Thr Ala Leu Arg Val Leu Gln Leu Val Ala Gly Phe Leu Leu Pro
103     260                 265                 270
105 ctg ctg gtc atg gcc tac tgc tat gcc cac atc ctg gcc gtg ctg ctg   1042
106 Leu Leu Val Met Ala Tyr Cys Tyr Ala His Ile Leu Ala Val Leu Leu
107 275                 280                 285                 290
109 gtt tcc agg ggc cag cgg cgc ctg cgg gcc atg cgg ctg gtg gtg gtg   1090
110 Val Ser Arg Gly Gln Arg Arg Leu Arg Ala Met Arg Leu Val Val Val
111                 295                 300                 305
113 gtc gtg gtg gcc ttt gcc ctc tgc tgg acc ccc tat cac ctg gtg gtg   1138
114 Val Val Val Ala Phe Ala Leu Cys Trp Thr Pro Tyr His Leu Val Val
115             310                 315                 320
117 ctg gtg gac atc ctc atg gac ctg ggc gct ttg gcc cgc aac tgt ggc   1186
118 Leu Val Asp Ile Leu Met Asp Leu Gly Ala Leu Ala Arg Asn Cys Gly
119         325                 330                 335
121 cga gaa agc agg gta gac gtg gcc aag tcg gtc acc tca ggc ctg ggc   1234
122 Arg Glu Ser Arg Val Asp Val Ala Lys Ser Val Thr Ser Gly Leu Gly
123     340                 345                 350
125 tac atg cac tgc tgc ctc aac ccg ctg ctc tat gcc ttt gta ggg gtc   1282
126 Tyr Met His Cys Cys Leu Asn Pro Leu Leu Tyr Ala Phe Val Gly Val
127 355                 360                 365                 370
129 aag ttc cgg gag cgg atg tgg atg ctg ctc ttg cgc ctg ggc tgc ccc   1330
130 Lys Phe Arg Glu Arg Met Trp Met Leu Leu Leu Arg Leu Gly Cys Pro
131                 375                 380                 385
133 aac cag aga ggg ctc cag agg cag cca tcg tct tcc cgc cgg gat tca   1378
134 Asn Gln Arg Gly Leu Gln Arg Gln Pro Ser Ser Ser Arg Arg Asp Ser
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RAW SEQUENCE LISTING DATE: 07/16/2000
PATENT APPLICATION: US/09/101,518 TIME: 17:20:48

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07142000\I101518.raw

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135             390                 395                 400
137 tcc tgg tct gag acc tca gag gcc tcc tac tcg ggc ttg tga           1420
138 Ser Trp Ser Glu Thr Ser Glu Ala Ser Tyr Ser Gly Leu
139         405                 410                 415
141 ggccggaatc cgggctcccc tttcgcccac agtctgactt ccccgcattc caggctcctc 1480
143 cctccctctg ccggctctgg ctctccccaa tatcctcgct cccgggactc actggcagcc 1540
145 ccagcaccac caggtctccc gggaagccac cctcccagct ctgaggactg caccattgct 1600
147 gctccttagc tgccaagccc catcctgccg cccgaggtgg ctgcctggag ccccactgcc 1660
149 cttctcattt ggaaactaaa acttcatctt ccccaagtgc ggggagtaca aggcatggcg 1720
151 tagagggtgc tgccccatga agccacagcc caggcctcca gctcagcagt gactgtggcc 1780
153 atggtcccca agacctctat atttggtctt ttatttttat gtctaaaatc ctgcttaaaa 1840
155 cttttcaata aacaagatcg tcaggaaaaa aaaaaa                          1876
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159 <211> LENGTH: 415
160 <212> TYPE: PRT
161 <213> ORGANISM: Homo sapiens
163 <400> SEQUENCE: 2
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166 Gly Gly Ala Ala Gln Ser Lys Ser Gln Thr Lys Ser Asp Ser Ile Thr
167              20                  25                  30
168 Lys Glu Phe Leu Pro Gly Leu Tyr Thr Ala Pro Ser Ser Pro Phe Pro
169          35                  40                  45
170 Pro Ser Gln Val Ser Asp His Gln Val Leu Asn Asp Ala Glu Val Ala
171      50                  55                  60
172 Ala Leu Leu Glu Asn Phe Ser Ser Ser Tyr Asp Tyr Gly Glu Asn Glu
173  65                  70                  75                  80
174 Ser Asp Ser Cys Cys Thr Ser Pro Pro Cys Pro Gln Asp Phe Ser Leu
175                  85                  90                  95
176 Asn Phe Asp Arg Ala Phe Leu Pro Ala Leu Asn Ser Leu Leu Phe Leu
177             100                 105                 110
178 Leu Gly Leu Leu Gly Asn Gly Ala Val Ala Ala Val Leu Leu Ser Arg
179         115                 120                 125
180 Arg Thr Ala Leu Ser Ser Thr Asp Thr Phe Leu Leu His Leu Ala Val
181     130                 135                 140
182 Ala Asp Thr Leu Leu Val Leu Thr Leu Pro Leu Trp Ala Val Asp Ala
183 145                 150                 155                 160
184 Ala Val Gln Trp Val Phe Gly Ser Gly Leu Cys Lys Val Ala Gly Ala
185                 165                 170                 175
186 Leu Phe Asn Ile Asn Phe Tyr Ala Gly Ala Leu Leu Leu Ala Cys Ile
187             180                 185                 190
188 Ser Phe Asp Arg Tyr Leu Asn Ile Val His Ala Thr Gln Leu Tyr Arg
189         195                 200                 205
190 Arg Gly Pro Pro Ala Arg Val Thr Leu Thr Cys Leu Ala Val Trp Gly
191     210                 215                 220
192 Leu Cys Leu Leu Phe Ala Leu Pro Asp Phe Ile Phe Leu Ser Ala His
193 225                 230                 235                 240
194 His Asp Glu Arg Leu Asn Ala Thr His Cys Gln Tyr Asn Phe Pro Gln
195                 245                 250                 255
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RAW SEQUENCE LISTING DATE: 07/16/2000
PATENT APPLICATION: US/09/101,518 TIME: 17:20:48

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07142000\I101518.raw

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198 Leu Pro Leu Leu Val Met Ala Tyr Cys Tyr Ala His Ile Leu Ala Val
199         275                 280                 285
200 Leu Leu Val Ser Arg Gly Gln Arg Arg Leu Arg Ala Met Arg Leu Val
201     290                 295                 300
202 Val Val Val Val Val Ala Phe Ala Leu Cys Trp Thr Pro Tyr His Leu
203 305                 310                 315                 320
204 Val Val Leu Val Asp Ile Leu Met Asp Leu Gly Ala Leu Ala Arg Asn
205                 325                 330                 335
206 Cys Gly Arg Glu Ser Arg Val Asp Val Ala Lys Ser Val Thr Ser Gly
207             340                 345                 350
208 Leu Gly Tyr Met His Cys Cys Leu Asn Pro Leu Leu Tyr Ala Phe Val
209         355                 360                 365
210 Gly Val Lys Phe Arg Glu Arg Met Trp Met Leu Leu Leu Arg Leu Gly
211     370                 375                 380
212 Cys Pro Asn Gln Arg Gly Leu Gln Arg Gln Pro Ser Ser Ser Arg Arg
213 385                 390                 395                 400
214 Asp Ser Ser Trp Ser Glu Thr Ser Glu Ala Ser Tyr Ser Gly Leu
215                 405                 410                 415
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220 <211> LENGTH: 29
221 <212> TYPE: DNA
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 3
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229 <211> LENGTH: 30
230 <212> TYPE: DNA
231 <213> ORGANISM: Homo sapiens
233 <400> SEQUENCE: 4
234 ggcggatccc gctcacaagc ccgagtagga                                   30
237 <210> SEQ ID NO: 5
238 <211> LENGTH: 34
239 <212> TYPE: DNA
240 <213> ORGANISM: Homo sapiens
242 <400> SEQUENCE: 5
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248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 6
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258 <213> ORGANISM: Homo sapiens
260 <400> SEQUENCE: 7
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RAW SEQUENCE LISTING DATE: 07/16/2000
PATENT APPLICATION: US/09/101,518 TIME: 17:20:48

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07142000\I101518.raw

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265 <211> LENGTH: 29
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267 <213> ORGANISM: Homo sapiens
269 <400> SEQUENCE: 8
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275 <212> TYPE: PRT
276 <213> ORGANISM: Homo sapiens
278 <400> SEQUENCE: 9

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283              20                  25                  30
285 Cys Glu Pro Glu Ser Leu Glu Ile Asn Lys Tyr Phe Val Val Ile Ile
286          35                  40                  45
288 Tyr Ala Leu Val Phe Leu Leu Ser Leu Leu Gly Asn Ser Leu Val Met
289      50                  55                  60
291 Leu Val Ile Leu Tyr Ser Arg Val Gly Arg Ser Val Thr Asp Val Tyr
292  65                  70                  75                  80
294 Leu Leu Asn Leu Ala Leu Ala Asp Leu Leu Phe Ala Leu Thr Leu Pro
295                  85                  90                  95
297 Ile Trp Ala Ala Ser Lys Val Asn Gly Trp Ile Phe Gly Thr Phe Leu
298             100                 105                 110
300 Cys Lys Val Val Ser Leu Leu Lys Glu Val Asn Phe Tyr Ser Gly Ile
301         115                 120                 125
303 Leu Leu Leu Ala Cys Ile Ser Val Asp Arg Tyr Leu Ala Ile Val His
304     130                 135                 140
306 Ala Thr Arg Thr Leu Thr Gln Lys Arg Tyr Leu Val Lys Phe Ile Cys
307 145                 150                 155                 160
309 Leu Ser Ile Trp Gly Leu Ser Leu Leu Leu Ala Leu Pro Val Leu Leu
310                 165                 170                 175
312 Phe Arg Arg Thr Val Tyr Ser Ser Asn Val Ser Pro Ala Cys Tyr Glu
313             180                 185                 190
315 Asp Met Gly Asn Asn Thr Ala Asn Trp Arg Met Leu Leu Arg Ile Leu
316         195                 200                 205
318 Pro Gln Ser Phe Gly Phe Ile Val Pro Leu Leu Ile Met Leu Phe Cys
319     210                 215                 220
321 Tyr Gly Phe Thr Leu Arg Thr Leu Phe Lys Ala His Met Gly Gln Lys
322 225                 230                 235                 240
324 His Arg Ala Met Arg Val Ile Phe Ala Val Val Leu Ile Phe Leu Leu
325                 245                 250                 255
327 Cys Trp Leu Pro Tyr Asn Leu Val Leu Leu Ala Asp Thr Leu Met Arg
328             260                 265                 270
330 Thr Gln Val Ile Gln Glu Thr Cys Glu Arg Arg Asn His Ile Asp Arg
331         275                 280                 285
333 Ala Leu Asp Ala Thr Glu Ile Leu Gly Ile Leu His Ser Cys Leu Asn
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VERIFICATION SUMMARY DATE: 07/16/2000
PATENT APPLICATION: US/09/101,518 TIME: 17:20:49

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07142000\I101518.raw

M.Pak

1646

RAW SEQUENCE LISTING DATE: 07/12/2000
PATENT APPLICATION: US/09/101,518 TIME: 08:30:41

Input Set : A:\PF218PCT.txt
Output Set: N:\CRF3\07122000\I101518.raw

Does Not Comply
Corrected Diskette Needed

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 3 <110> APPLICANT: Li, Yi
 5 <120> TITLE OF INVENTION: Human G-Protein Chemokine Receptor HSATU68
 7 <130> FILE REFERENCE: PF218PCT.US
 9 <140> CURRENT APPLICATION NUMBER: 09/101,518
10 <141> CURRENT FILING DATE: 1998-12-21
12 <150> PRIOR APPLICATION NUMBER: PCT/US96/00499
13 <151> PRIOR FILING DATE: 1996-01-11
15 <160> NUMBER OF SEQ ID NOS: 9
17 <170> SOFTWARE: PatentIn Ver. 2.1
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ERRORED SEQUENCES

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273 <210> SEQ ID NO: 9
274 <211> LENGTH: 353
275 <212> TYPE: PRT
276 <213> ORGANISM: Homo sapiens
278 <400> SEQUENCE: 9
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282 Tyr Ser Tyr Ser Ser Thr Leu Pro Pro Phe Leu Leu Asp Ala Ala Pro
283             20                  25                  30
285 Cys Glu Pro Glu Ser Leu Glu Ile Asn Lys Tyr Phe Val Val Ile Ile
286         35                  40                  45
288 Tyr Ala Leu Val Phe Leu Leu Ser Leu Leu Gly Asn Ser Leu Val Met
289     50                  55                  60
291 Leu Val Ile Leu Tyr Ser Arg Val Gly Arg Ser Val Thr Asp Val Tyr
292 65                  70                  75                  80
294 Leu Leu Asn Leu Ala Leu Ala Asp Leu Leu Phe Ala Leu Thr Leu Pro
295                 85                  90                  95
297 Ile Trp Ala Ala Ser Lys Val Asn Gly Trp Ile Phe Gly Thr Phe Leu
298             100                 105                 110
300 Cys Lys Val Val Ser Leu Leu Lys Glu Val Asn Phe Tyr Ser Gly Ile
301         115                 120                 125
303 Leu Leu Leu Ala Cys Ile Ser Val Asp Arg Tyr Leu Ala Ile Val His
304     130                 135                 140
306 Ala Thr Arg Thr Leu Thr Gln Lys Arg Tyr Leu Val Lys Phe Ile Cys
307 145                 150                 155                 160
309 Leu Ser Ile Trp Gly Leu Ser Leu Leu Leu Ala Leu Pro Val Leu Leu
310                 165                 170                 175
312 Phe Arg Arg Thr Val Tyr Ser Ser Asn Val Ser Pro Ala Cys Tyr Glu
313             180                 185                 190
315 Asp Met Gly Asn Asn Thr Ala Asn Trp Arg Met Leu Leu Arg Ile Leu
316         195                 200                 205
318 Pro Gln Ser Phe Gly Phe Ile Val Pro Leu Leu Ile Met Leu Phe Cys
319     210                 215                 220
321 Tyr Gly Phe Thr Leu Arg Thr Leu Phe Lys Ala His Met Gly Gln Lys
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RAW SEQUENCE LISTING DATE: 07/12/2000
PATENT APPLICATION: US/09/101,518 TIME: 08:30:41

Input Set : A:\PF218PCT.txt
Output Set: N:\CRF3\07122000\I101518.raw

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322 225                 230                 235                 240
324 His Arg Ala Met Arg Val Ile Phe Ala Val Val Leu Ile Phe Leu Leu
325                 245                 250                 255
327 Cys Trp Leu Pro Tyr Asn Leu Val Leu Leu Ala Asp Thr Leu Met Arg
328             260                 265                 270
330 Thr Gln Val Ile Gln Glu Thr Cys Glu Arg Arg Asn His Ile Asp Arg
331         275                 280                 285
333 Ala Leu Asp Ala Thr Glu Ile Leu Gly Ile Leu His Ser Cys Leu Asn
334     290                 295                 300
336 Pro Leu Ile Tyr Ala Phe Ile Gly Gln Lys Phe Arg His Gly Leu Leu
337 305                 310                 315                 320
339 Lys Ile Leu Ala Ile His Gly Leu Ile Ser Lys Asp Ser Leu Pro Lys
340                 325                 330                 335
342 Asp Ser Arg Pro Ser Phe Val Gly Ser Ser Ser Gly His Thr Ser Thr
343             340                 345                 350
345 Thr
E--> 349 1
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VERIFICATION SUMMARY DATE: 07/12/2000
PATENT APPLICATION: US/09/101,518 TIME: 08:30:42

Input Set : A:\PF218PCT.txt
Output Set: N:\CRF3\07122000\I101518.raw

L:349 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9